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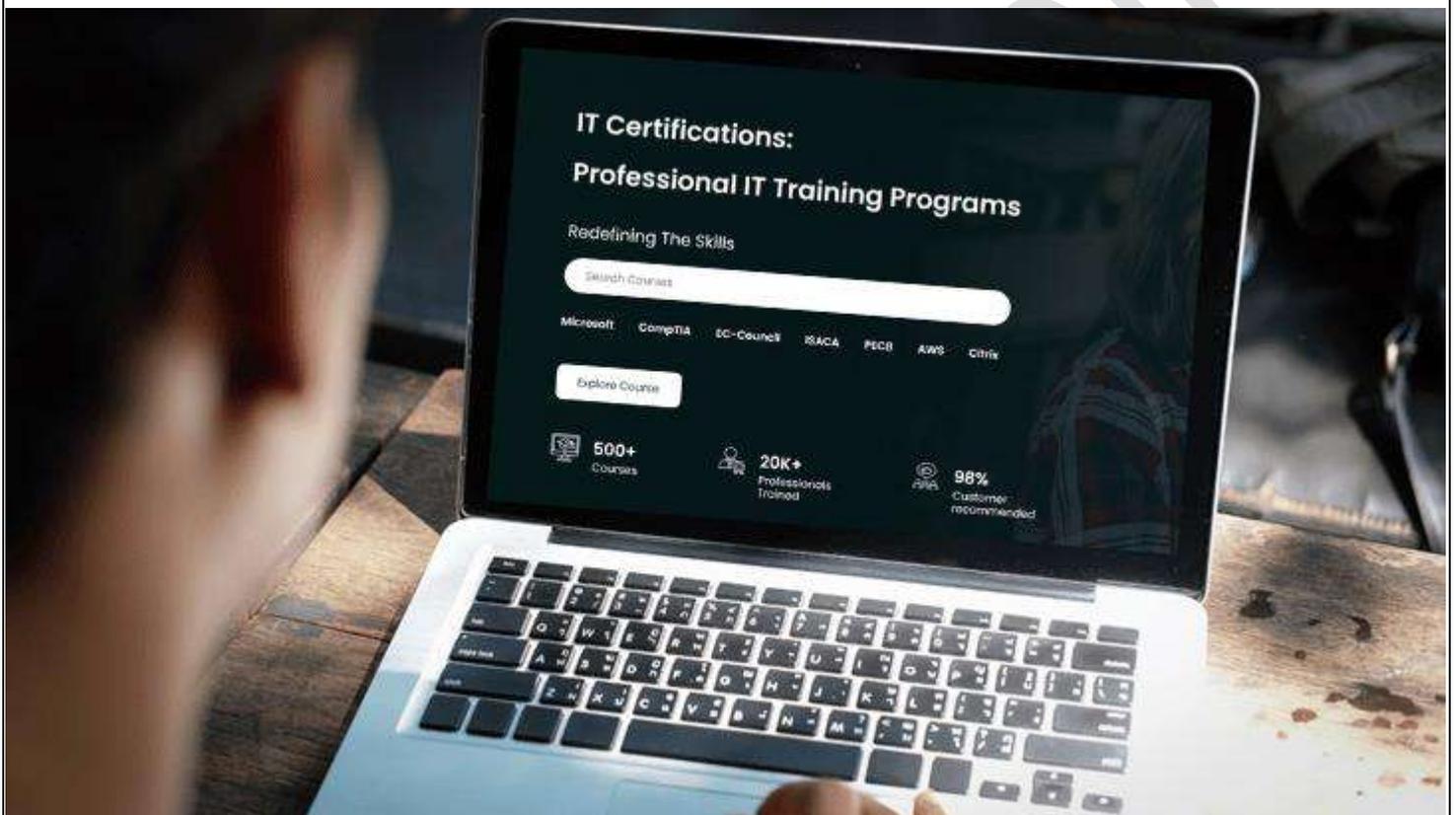
IC-001T00: MICROSOFT CLOUD FOR HEALTHCARE TRAINING

Duration: 4 Days

Course Description

Taking the Microsoft Cloud ILT for Healthcare course is a crucial first step in your education. It's made to help you take use of Microsoft's Cloud Services for Healthcare. It will provide you with an overview of the most common problems seen in the healthcare business and how our solution addresses them. This training will teach you all you need to know to set up and use the many features of the Microsoft Cloud for Healthcare solution. You'll also learn the basics of setting up and using the Azure Health Data Service in a variety of scenarios thanks to this training.

Training Exclusives

- Live instructor-led interactive sessions with Microsoft Certified Trainers (MCT).
- Access to Microsoft Official Courseware (MOC).
- Real-time Virtual Lab Environment.
- Experience 24*7 Learner Support.
- Self-paced learning and flexible schedules.

Who should attend this course?

People who are interested in learning about Microsoft Cloud for Healthcare should take this course. A variety of jobs from industry professionals, including healthcare engineers, informaticists, and those working with healthcare IT, would profit from it. Additionally, it is aimed at solution architects for the Power Platform, Azure, and Microsoft 365 who are prepared to broaden their skill sets in order to integrate Microsoft Cloud for Healthcare.

What you will learn

- Microsoft Cloud for Healthcare overview
- Microsoft Cloud for Healthcare data model
- Microsoft Cloud for Healthcare training environment preparation
- Manage healthcare data with Care Management in Microsoft Cloud for Healthcare
- Patient outreach in Microsoft Cloud for Healthcare
- Home health in Microsoft Cloud for Healthcare
- Azure Health Bot in Microsoft Cloud for Healthcare
- Enable patients to access the Patient Access portal
- Virtual visits in Microsoft Cloud for Healthcare
- Introduction to Azure Health Data Services
- Health data and FHIR®
- Work with medical imaging data and DICOM
- MedTech service with IoT devices

Prerequisites

- It is strongly advised that students have a solid understanding of the Microsoft Power Platform before enrolling in this course.

Curriculum

Module 1: Microsoft Cloud for Healthcare overview

- Learn about the current healthcare trends and demands.
- Discover the basics of Microsoft Cloud for Healthcare.
- Learn about priority healthcare scenarios and featured capabilities of the solution.

Module 2: Microsoft Cloud for Healthcare data model

- Learn about Common Data Model.
- Learn about the Microsoft Cloud for Healthcare data model.
- Learn about Common Data Model extensibility.

Module 3: Microsoft Cloud for Healthcare training environment preparation

- Describe the dependencies of Microsoft Cloud for Healthcare
- Obtain trial licenses for dependent products
- Obtain trial licenses for Microsoft Cloud for Healthcare
- Configure environment to deploy Microsoft Cloud for Healthcare
- Assign security roles

Module 4: Manage healthcare data with Care Management in Microsoft Cloud for Healthcare

- Explore the Microsoft Cloud for Healthcare data model.
- Navigate the Care Management application.
- Create a new location record for Lamna Healthcare Company.

Module 5:Patient outreach in Microsoft Cloud for Healthcare

- Create a patient segment.
- Create a marketing email.
- Create a patient journey.
- Create a virtual healthcare marketing event.

Module 6: Home health in Microsoft Cloud for Healthcare

- Create a bookable resource.
- Configure the schedule board.
- Use care management components with the Microsoft Dynamics 365 Field Service Mobile app.

Module 7: Azure Health Bot in Microsoft Cloud for Healthcare

- Set up Azure Health Bot
- Configure Dynamics 365 Customer Service Omnichannel Live Chat
- Embed Azure Health Bot in a Power Apps Portal
- Extend Azure Health Bot with custom scenarios

Module 8: Enable patients to access the Patient Access portal

- Set up and navigate the Patient Access portal.
- Create and set up agent scripts to show in the Productivity pane.
- Create and set up knowledge articles.
- Experience an escalation scenario from the Healthcare Patient Portal through Microsoft Azure Health Bot into Patient Service Center.

Module 9: Virtual visits in Microsoft Cloud for Healthcare

- Configure the Virtual Clinic app

- Configure Microsoft Teams for virtual visits
- Schedule a virtual visit in the Patient Portal

Module 10: Introduction to Azure Health Data Services

- Explore interoperability challenges of health and life sciences data.
- Describe the core global health data standards that Azure Health Data Services supports today.
- Examine the tools and connectors that comprise Azure Health Data Services and the benefits that they provide.

Module 11: Health data and FHIR®

- Identify types of FHIR resources.
- Identify resource elements, structures, and hierarchy.
- Learn about the FHIR RESTful API framework.

Module 12: Work with medical imaging data and DICOM

- Learn why DICOM standards are important.
- Explore the DICOM standards and DICOM service.
- Review the use case for radiology data in cancer treatment with examples.

Module 13: MedTech service with IoT devices

- Enable IoT data scenarios for remote patient monitoring.
- Ingest data from devices.

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